**Scientific Method Quiz**

A "Mythbusters"-style experiment will be described to you (like the "Hot Chili Cures" one that we watched in class), and you will be asked to answer the following questions.

Try answering the questions for the "Hot Chili Cures" experiment:

1. What is the **independent variable** in this experiment? [1 mark C]

2. What is the **dependent variable** in this experiment? [1 mark C]

3. What are **3 controlled variables** in this experiment? [3 marks C]

4. What **question** are the Northview-Mythbusters answering? [2 marks A]

5. Write a **hypothesis** for this experiment. [3 marks A]

(Use the form*: If… then… because…*)

6. What **conclusion** do the Northview-Mythbusters reach? [2 marks A]